What is claimed is:

1. A method for producing a brake caliper adapted for use in a vehicle disc brake assembly comprising the steps of:

(a) providing a mold member having at least two mold sections;

(b) providing a core member having at least a first male extension which is adapted to form an integrally cast locating recess in the brake caliper which is used as a locating surface for subsequent machining of the brake caliper;

(c) disposing the core member in the mold member in a predetermined position;

(d) supplying a suitable material to the mold member so as to form a brake caliper within the mold;

(e) removing the brake caliper from the mold, wherein the brake caliper includes an integrally cast locating recess formed therein by the first male extension of the core member; and

(f) machining the brake caliper using at least the integrally cast locating recess formed therein as a locating surface.

2. The method according to Claim 1 wherein the first male extension forms a generally conical recess.

3. The method according to Claim 1 wherein the core member further includes a pair of second male extensions, the extensions adapted to form integrally generally flat planar surfaces on an associated pair of ears of the brake caliper which are used as locating surfaces for subsequent machining of the brake caliper.

4. The method according to Claim 1 wherein the core member further includes a pair of angled surfaces, the angled surfaces adapted to form integrally generally flat angled surfaces on an associated inboard leg portion of the brake caliper which are used as clamping surfaces for subsequent machining of the brake caliper.

5. The method according to Claim 1 wherein the core member further includes a pair of second male extensions, the extensions adapted to form integrally generally flat planar surfaces on an associated pair of ears of the brake caliper which are used as locating surfaces for subsequent machining of the brake caliper, and a pair of angled surfaces, the angled surfaces adapted to form integrally generally flat angled surfaces on an associated inboard leg portion of the brake caliper which are used as clamping surfaces for subsequent machining of the brake caliper.

6. The method according to Claim 1 wherein the mold is a vertical split line mold.

7. The method according to Claim 1 wherein the mold is a horizontal split line mold

8. A vertically cast brake caliper produced according to the method of Claim 1.

9. A horizontally cast brake caliper produced according to the method of Claim 1.

10. A cast brake caliper adapted for use in a disc brake assembly including:

a cast brake caliper having an inboard leg portion and an outboard leg portion which are interconnected by an intermediate bridge portion, the brake caliper having a pair of locating surfaces provided on the inboard leg portion and a locating surface provided on the outboard leg portion;

wherein the pair of locating surfaces provided on the inboard leg portion and the locating surface provided on the outboard leg portion are integrally formed by a core member of a casting apparatus during the casting of the brake caliper.

11. The cast brake caliper according to Claim 10 wherein the locating surface provided on the outboard leg portion is a recess.

12. The cast brake caliper according to Claim 10 wherein the pair of locating surfaces provided on the inboard leg portion are generally flat surfaces.

13. The cast brake caliper according to Claim 10 wherein the brake caliper further includes a pair of clamping surfaces provided on the inboard leg portion, wherein the pair of clamping surfaces are integrally formed by a core member during the casting of the brake caliper.

14. The cast brake caliper according to Claim 10 wherein the cast brake caliper is a vertically cast brake caliper.

15. The cast brake caliper according to Claim 10 wherein the cast brake caliper is a horizontally cast brake caliper

16. A casting apparatus for producing a brake caliper adapted for use in a vehicle comprising:

a mold member having at least two mold sections; and

a core member disposed in the mold member in a predetermined position and having at least a first male extension which is adapted to form an integrally cast locating recess in the brake caliper which is used as a locating surface for subsequent machining of the brake caliper.

17. The casting apparatus according to Claim 16 wherein the first male extension is a generally conical recess.

18. The casting apparatus according to Claim 16 wherein the core member further includes a pair of second male extensions, the extensions adapted to form integrally generally flat planar surfaces on an associated pair of ears of the brake caliper which are used as locating surfaces for subsequent machining of the brake caliper.

19. The casting apparatus according to Claim 16 wherein the core member further includes a pair of angled surfaces, the angled surfaces adapted to form integrally generally flat angled surfaces on an associated inboard leg portion of the brake caliper which are used as clamping surfaces for subsequent machining of the brake caliper.

20. The casting apparatus according to Claim 16 wherein the mold member is one of a vertical split line mold and a horizontal split line mold